

IN THE SPECIFICATION

Please amend the following paragraphs:

[0024] Fig. 3 illustrates a first gearing arrangement for the combination folder of Fig. 1; and

[0025] Fig. 4 shows an alternate gearing arrangement for the combination folder of Fig. 1.
Fig.1;

Please add the following paragraphs after paragraph [0025]:

[0025.1] Fig. 5 shows a perspective view of the region A-A in Fig. 3; and

[0025.2] Fig. 6 shows a perspective view of the region B-B in Fig. 3.

Please amend the following paragraphs:

[0028] As shown in Fig. 2a and 2b, each of the jaws of jaws 150 and 152 of Fig. 1 includes a stationary part 200 fixedly attached to a respective spider arm and a movable jaw part 210 supported on an arm 212 pivotably supported on a pivot 211. A cam follower 240 is at the other end of arm 212. In the first embodiment of Fig. 3, the stationary jaw part 200 and the movable jaw part 210 of jaws 150 are on a common spider arm of spider 315, as shown in Fig. 2a as well. In a second embodiment of Fig. 4, the stationary jaw part 200 of jaw 150 is on a jaw spider arm of jaw spider 415, while the movable jaw part 210 is on a flex jaw spider arm 429. In either embodiment, the stationary jaw part 200 has a settable distance 260 from tucker 130 which may be independent from a distance 261 present between tucker 130 and movable jaw part 210 when the tucker 130 tucks a signature.

[0029] During operation of folder 1, when a tabloid product is required, the collect cylinder 140 tucks the signature 120 with one of the tuckers 130, supported on spider 316 as shown in Fig. 1 and 2a, into one of first jaw set 150, each of which have the fixed jaw part 200 and a movable jaw part 210 arrangement (See Figs. 2a and 2b.). Tucker 130 is activated by a cam follower 220 interacting with a cam 230.

[0033] More details of a combination folder, such as the spiders, are disclosed for example in commonly-owned U.S. Patent Application No. 09/795,075, filed February 23, 2001, published as U.S. Patent Publication No. 2002/0119877 which is hereby incorporated-by-reference herein.

[0037] Gear 307 is geared to a first jaw intermediate gear 306, which is connected via a first adjusting center 399 to a first jaw gear 305, as also shown in Fig. 5. The gears 306 and 305 rotate together, except when first adjusting center 399 moves to perform a group jaw adjust. A bearing 406 is provided to permit the relative movement. First adjusting center 399 preferably is a compound idler gear center using helical gears with opposite hands (the helix on the gear teeth causes the mating gear or other gears in mesh to rotate like a screw thread), which causes gear 305 to change phase with respect to gear 306. Intermediate gear 306 also is geared to a delta/double parallel gripper gear 302, which drives a second gripper spider 313 holding second grippers 156.

[0040] As shown in Fig. 3, a third drive train for controlling the second parallel fold includes double parallel/delta tucker gear 301 which drives, using a hollow journal, the delta tucker spider 312 with tuckers 157. Delta tucker gear 301 is geared to a second jaw intermediate gear 304 which connects to a second adjusting center 398, as shown also in Fig. 6. Second adjusting center 398 can be a compound idler gear center using helical gears with opposite hands, and drives a second jaw gear 303, which in turn drives second jaw spider 314 through hollow journal 310. Second jaw intermediate gear 304 grounds to the delta/double parallel cylinder tucker gear 301. The second jaw gear 303 may move and alter phase with respect to gear 304 due to bearings 407 and the actuation axial movement of second adjusting center 398.